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Date: January 10, 2003 Label No. EV147719557US

I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Ashley Smith  
Name (Print)

Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )

Ralph P. Thompson )

Application No.: 09/995,888 )

Group Art Unit: 1724

Filed: November 28, 2001 )

Examiner: Unassigned

For: FILTER CARTRIDGE ASSEMBLIES AND METHODS FOR FILTERING FLUIDS

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(c)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

January 10, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Supplemental Information Disclosure Statement is being submitted after expiration of the three-month period following filing of the above-captioned application but before issuance of an Office Action on the merits and before any Final Office Action or Notice of Allowance.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists

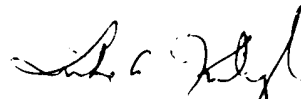
Information Disclosure Statement  
U.S. Patent Application No. 09/995,888

and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925.

Respectfully submitted,



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Atty. Docket No.: 3192-001  
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Enclosures: PTO-1449, w/55 Documents

FORM PTO-1449 (REV 7-80)				Atty. Docket No. 3192-001		Application No. 09/995,888	
<b>INFORMATION DISCLOSURE STATEMENT</b>				APPLICANT: Ralph P. Thompson			
				Filing Date: November 28, 2001		Group Art Unit: 1724	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
		3,520,298	07/14/70	K. Lange	128	213	
		3,545,438	02/12/68	James H. De Vries	128	213	
		3,669,880	06/13/72	Marantz et al.	210	22	
		3,685,680	08/22/72	Tenckhoff et al.	220	27	
		3,850,835	11/26/74	Marantz et al.	252	182	
		3,888,250	06/10/75	Hill	128	214	
		3,939,069	02/17/76	Granger et al.	210	22	
		3,989,622	11/02/76	Marantz et al.	210	22	
		4,088,456	05/09/78	Giorgi et al.	55	179	
		4,190,047	02/26/80	Jacobsen et al.	128	213	
		4,192,748	03/11/80	Hyden	210	87	
		4,412,917	11/01/83	Ahjopalo	210	104	
		4,473,449	09/25/84	Michaels et al.	204	101	
		4,474,853	10/02/84	Watanabe	428	403	
		4,521,528	06/04/85	Kovach	502	208	
		4,650,587	03/17/87	Polak et al.	210	638	
		4,680,122	01/14/87	Barone	210	637	
		4,765,907	08/23/88	Scott	210	648	
		5,004,459	04/02/91	Peabody et al.	604	29	
		5,034,124	07/23/91	Kopf	210	231	
		5,151,082	09/29/92	Gorsuch et al.	604	4	
		5,173,125	12/22/92	Felding	134	22.11	
		5,498,338	03/12/96	Kruger et al.	210	641	
		5,520,632	05/28/96	Leveen et al.	604	9	
		5,549,674	08/27/96	Humes et al.	623	11	
		5,595,909	01/21/97	Hu et al.	435	297.4	
		5,641,405	06/24/97	Keshaviah et al.	210	645	
		5,679,231	10/21/97	Alexander et al.	204	627	
		5,712,154	01/27/98	Mullon et al.	435	297.4	
		5,944,684	08/31/99	Roberts et al.	604	5	

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	EP000152717A1	08/28/85	Europe	604	29	Abstract
	FR2585251	01/30/87	France	A61M	1/34F	Abstract
	08187284	07/23/96	Japan	A61M	1/14	Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Augmentation of Efficiency by Continuous Flow Sorbent Regeneration Peritoneal Dialysis", A. Gorden et al., Vol. XXII Trans. Amer. Soc. Artif. Int. Organs, 1976, pages 599-604.
	"Centrifugal Artificial Kidney", R. M. Kellogg, IBM Technical Disclosure Bulletin, Vol. 14, No. 11, April 1972, pages 3433-3435.
	"Combined Technological-Clinical Approach To Wearable Dialysis", Robert L. Stephen et al., Kidney International, Vol. 13, Suppl. 8 (1978), pages S-125-S-132.
	"Development of Continuous Recirculating Peritoneal Dialysis Using a Double Lumen Catheter", Michio Mineshima et al., ASAIO Journal, 1992, pages M377-M381.
	"Important Devices in Biomedical Engineering", John G. Webster, International Biomedical Engineering Days, 1992, pages 1-9.
	"Recirculation Peritoneal Dialysis with Sorbent Redy Cartridge", Rasib M. Raja et al., Nephron 16, (1976), pages 134-142.
	"Recirculating Peritoneal Dialysis with Subcutaneous Catheter", R. L. Stephen et al., American Society For Artificial Internal Organs, Vol. XXII, 1976, pages 575-584.
	"Sorbent Based Regenerating Delivery System For Use In Peritoneal Dialysis", A. J. Lewin et al., Vol. XX Trans. Amer. Soc. Artif. Int. Organs, 1974, pages 130-134.
	"The Use of Reciprocating Peritoneal Dialysis with a Subcutaneous Peritoneal Catheter in End-Stage Renal Failure in Diabetes Mellitus", G. D. Warden et al., Journal of Surgical Research, Vol. 24, June 1978, pages 495-500.
	"Blood Flow and Pressure Measurement", IBM Technical Disclosure Bulletin, February 1971.
	"Continuous Flow Dialyzer", IBM Technical Disclosure Bulletin, July 1975.
	"Reciprocating Peritoneal Dialysis", Carl Kablitz, M.D. et al., Dialysis & Transplantation, Vol. 7, Number 3, March 1978, pages 211-212 and 214.
	"Reciprocating Peritoneal Dialysis with a Subcutaneous Peritoneal Catheter", Robert L. Stephen, M.D., Dialysis & Transplantation, Vol. 7, Number 8, August 1978.
	"Studies on low-cost Disposable Bioreactor for Bilirubin Detoxification", B. Das et al., Proceedings RC IEEE-EMBS & 14 <sup>th</sup> BMESI, 1995, 4.53-4.54.
	"Technological Augmentation of Peritoneal Urea Clearance: Past, Present, and Future", Carl Kablitz, M.D. et al., Dialysis & Transplantation, Vol. 8, Number 8, August 1960, pages 741-744 and 778.
	E-mail-(1995) D. Halligan, "The Human and Artificial Kidney" from Google Search
	"A Membrane System to Remove Urea from the Dialyzing Fluid of the Artificial Kidney" Kolff, W. J. et al., Annual rept. no. 2, 1 Jul 78-30 Jun 79)
	"The Regenerative Dialysis (REDY) Sorbent System" Roberts M., Nephrology, 1998, V4, N4 (Aug), P275-278.
	"In search of a 24 Hours Per Day Artificial Kidney" Lande A. J. et al., Journal of dialysis (U.S.) 1977, 1 (8) p.805-23, ISSN 0362-8558.
	"Efficacy of Lumbo-Peritoneal Versus Ventriculo-Peritoneal Shunting for Management of Chronic

OTPE 3010  
JAN 10 2003

	Hydrocephalus Following Aneurysmal Subarachnoid Haemorrhage" Kang S., Acta Neurochirurgica. 142 (1):p.45-49 2000.
	"Performance of the Dialytic Reactor with Product Inhibited Enzyme Reactions: A Model Study" Catapano Gerardo et al., Bioseparation 4 (3):p.201-211 1994.
	"Carbonato-Compounds of Zirconium" Russian Journal of Inorganic Chemistry, Vol. 11, No. 8, August 1996, pages 995-1004.
EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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